T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

SBRNO-316/14-15
Dt:28-2-15

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184341

Serial No. .....

Name of work ..... From BRNO-477/28-2-15 To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:- Construction of Rain water Harvesting structure and Recharging pits in Ward No. 11 Work Code No.:- 011-15-000010 Estimated Cost:- Rs-15-00 Lakhs Work Order No.:- EE/BCP/BBMP/E-pmt/183/14-15 Dated:- 7-1-15 Name of Agency:- Sri. Mohan Kumar.V No. 530 Kuvempunagar 2nd Stage Bangalore.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Recorded on 9-1-15						
1)	Earth work excavation for Foundation of buildings Culverts, Water Supply, Sanitary line and Electrical Conduits either in pits or in trenches 1.5m and above in width, in Hard soil not exceeding 1.5m in depth including dressing the bottom and sides ~~readay~~ of pits & trenches, stacking the excavated soil clear from edges of excavation & lift lead up to 50m after breaking of clods etc. Complete as per Specifications						
	leveling	1	3.20	2.50	0.20		
	Toilet block	1	16.62	1.00	1.00	= 16.62	

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e of Contractor of nature of Agency.....
of commencement of work.....

e	Full description, etc, of work	Numl
	2	3
	Desilting Drawing	
	Desilting Drawing	

REMENT BOOK

	Dimensions			Contents	Referen to last Measuren
	Length 4	Breadth 5	Depth 6	7	8
					for Foundation of buildings
					, Sanitary line and Electrics
					ts or in trenches 1.5m and
					nd soil not exceeding 1.5m
					ting the bottom and sides
					, stacking the excavated soil
					cavation with load up to 50m
					etc. Complete as per Specifications
					3.20×2.50 0.20 × 1.60
					1×16.62×1.00×1.00=16.62

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184342

al No. .....
ne of work ..... From ..... To .....
ne of Contractor of nature of Agency.....
e of commencement of work.....

te	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Desilting Drains		1×22.00×0.45×0.35 = 3.47				
			1×18.00×0.45×0.30 = 2.43				
			1×18.00×0.45×0.35 = 2.84				
					Total	26.95 m3	
					Limited to	26.68 m3	
			@ Rs 260.00			Rs. 6937.00	
	Desilting Drains		1×30.00×0.45×0.35 = 4.73				
			1×26.00×0.45×0.40 = 4.68				

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			1 × 22.00 × 0.45 × 0.35 =			3.47	
			1 × 22.00 × 0.45 × 0.40 =			3.96	
			Total Qty			16.8343	
			Limited to			16.73 m³	
			Rft 324.00			Rs. 5481.00	
						7.9-1-15	
	d) providing & fitting in Foundation with granite/ trap broaken metal 40mm & down size with approved sand including hand packing, ramming						

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Measurement

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me of Contractor of nature of Agency.....
te of commencement of work.....

ate	Full description, etc, of work	Dimen	
		Number	Length
	2	3	4
	Watering, including cost of all lead & lift etc. Complet For Toilet Blale at Ward office		1 × 16.6
	3) providing & laying in pots 1:4:8 with ope		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Rft 6.00			Rs. 6000=00	
	22) Relevant plumbing accessories for inlet & outlet without FFL including Filter etc.						
			Nil	—	—	—	
	23) 1 Hp Submersible Centrifugal Force pump of approved Make with all Necessary Fittings including wiring with board starter etc. Electronic Automatic Equipment etc.						
		1	—	—	—	= 1-00 Unit	
						Rft 18000=00	Rs 18000=00
	24) Square Tank Cover ISI Marked 2ft×2ft×pt 100kgs in weight etc						
	Three doors	3	—	—	—	= 3.00 Cft	
			Rft 6009.00				Rs 15027=00

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me of Contractor of nature of Agency.....
te of commencement of work.....

ate	Full description, etc, of work	Num
	2	
	25) Earth work excavation for sanitary line & electrical ... mt of above is width is ... is including dressing the ... the excavated soil clear ... to 50mtr after breaking ... premeasurement ...	

NT BOOK

ensions		Contents	Reference to last Measurem
Breadth 5	Depth 6	7	8
·00		Rs. 6000=00	
or inlet & outlet without			
el — — —			
e pump & approved Make			
ing wiring with board			
equipment etc.			
— — —		= 1·00 LS	
		Rs. 18000=00	
2 HP x pt 100 kgs is weighte			
— — —		= 3·00 LS	
		Rs. 15027=00	
Sy 5009·00			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184351

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
25)	Earth work excavation for Foundations & Buildings, Culverts, Water Supply Sanitary line & electrical Supply, Conduits either pits or in trenches 1.5 mm & above in width in Hard soil not exceeding 1.5 mm in depth including dressing the bottom & sides of pits & trenches, stacking the excavated soil clear from edge of excavation with lead up to 50 mtr after breaking of clods etc. Complete as per Specification						
	premeasurement Qty vide page No.					184379	
	Total Qty					169.65 m3	
	Sy 259.00					Rs. 43939=00	

cert
Surveyor

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
26)	laying reinforced cement concrete pipe NP4/prestressed Concrete pipe for culverts on first class bedding of granular Material in single row including fixing collar with cement mortar 1:2 but excluding excavation protection works backfilling Concrete and masonry works in head walls & parapets etc.						
		20	× 3.00	—	—	= 60.00 mtr	
						@ ₹ 11866.00	₹ 711960.00
27)	providing & filling in Foundation with granite/trap broken metal 100mm & down size, with approved soil including hand packing ramming watering, including cost of all materials & labour with lead & lift etc. Complete as per Specifications.						
		20	× 3.1412 × 1.00 × 1.00		× 0.60	= 9.43	

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M. A. R. 57
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te	Full description, etc, of work	Number	Len
	2	3	
28)	Supplying & providing Aggregate		
	Inside the Ring	20 × 3	
	outer the Ring	20 × 3	
29)	Supplying & providing Aggreg		

REMENT BOOK

Dimensions			Contents	Refere to las Measure
er	Length 4	Breadth 5	Depth 6	7	8
	oncrete pipe NP4/prestressed Concrete				
	ets bedding of granular Material in				
	collar with cement mortar 1:2				
	protection works balle filling Concrete				
	walls & parapets etc.				
	× 3·00	—	—	= 60·00 nos	
				JMs 1866·00	Rs 71196·00
	1×15				
	e. (23·2)				
	ion with granite/trap broken metal				
	proved sand including hand packing				
	g cost of all materials & labour				
	ete as per Specifications.				
	×3·142×1·00×1·00			×0·60	= 9·43
	4				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184352

al No. .....
ne of work ..... From ..... To .....
ne of Contractor of nature of Agency .....
e of commencement of work .....

ile	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			JMs 1926·00			Rs.	18154·00
28)	Supplying & providing Aggregates 63 mm Nominal Size etc.						
	Inside the Ring	20	× 3·142×1·00×1·00 / 4		×0·60	= 9·43	
	outer the Ring	20	× 3·142×1·00×3·00 / 4		×0·16	= 4·71	
			Total JMs 720·00			14·14 m3	
						Rs.	10180·00
29)	Supplying & providing Aggregates 40 mm & below etc.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		20	$\frac{3.142 \times 1.00 \times 1.00}{4}$		$\times 0.60$	$= 9.43 \text{ m}^3$	
				J/N 810.00			Rs. 7641-00
30)	Supply & providing Aggregate 20mm & below etc.	20	$\frac{3.142 \times 1.00 \times 1.00}{4}$		$\times 0.60$	$= 9.43 \text{ m}^3$	
				J/N 1000.00			Rs. 9426-00
31)	Supply & providing Sand etc. of Shimoga	20	$\frac{3.142 \times 1.00 \times 1.00}{4}$		$\times 0.60$	$= 9.43 \text{ m}^3$	
				J/N 1450.00			Rs. 13668-00
32)	providing laying in position reinforcement cement concrete & design mix M20 with OPC Cement @ 320 kgs with 20mm						

M. A. R. 5
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ate	Full description, etc, of work	Number	L
	2	3	
	& down size graded granite m
fine aggregates @ 0.459 cum
IS 9103-1999 reinforced-200
not exceeding 15cms thic
plinth & ground floor level
walls, walls (any thickness)
abutements, pillers, posts, st
parpets, coping beltbooks, a
etc. including Casting all
Curing etc Complete & pe		

UREMENT BOOK

ber	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	0 x 3·142 x 2·00 x 1·00 / 4		x 0.60	= 9.43 m³	
		Jly 810·60			Rs. 7641·00
	y 80mm & below etc.				
	2 x 3·142 x 1·00 x 1·00 / 4		x 0·60	= 9·43 m³	
		Jly 1000·00			Rs. 9426·00
	4 x 3·142 x 1·00 x 1·00 / 4		x 0·60	= 9·43 m³	
		Jly 1450·00			Rs. 13668·00
	ch reinforcement cement concrete				
	e Cement @ 320 kgs with 40mm				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184353

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work 2	Number 3	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	¾ down size graded granite metal Coarse aggregates @ 0.878 Cum & fine aggregates @ 0.459 Cum with Superplastisier @ 3 kgs Confirming to IS 9103-1999 reaffirmed-2008 machine mixed, Concrete laid in layers not exceeding 15Cms thick, Vibrated for all Works in Foundation plinth & ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached pilasters, Columns, piers abutements, pillers, posts, struts, buttresses, string or lacing courses parpets, Coping beltbands, anchor blocks, plain window cills, Fillets etc. including Cost of all materials labour, Hire & machineries Curing etc Complete as per Specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		20	$\frac{3.142 \times 1.00 \times 1.00}{4}$		$\times 0.10 =$	1.57	
		1	$80.00 \times 0.90 \times 0.10 =$			7.20	
	Covering slab at Vinayakanagar Left Survey				Total Qty	8.77 m³	
						Say 8.77 m³	
						@ 5822.00	65952.00
	33) providing mild steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position lapping & / or welding wherever required tying with blindy wire & anchoring to the adjoining members wherever Necessary Complete as per design Cost of all Materials labour HOM Machiry etc. Complete as per Specifications premeasurement Qty vide page No 184376 Total Qty					5.38 Qtl	

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...e of Contractor of nature of Agency.....
...e of commencement of work.....

...e	Full description, etc, of work	Number
	2	3
	34) providing granite slabs in cement mortar (1:6) is thick etc. Complete as per	

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length	Breadth	Depth		
4	5	6	7	8
3.142X1.00X1.00 / 4			X0.10=	1.57
80.00 X 0.90 X 0.10 =				7.20
			Total Qty	8.77 Sq
				Qty Sq. 58205-00
				1/14/2
				5.38 Sq.M

for RCC work including
g, hooking, placing in position
r required type & with binding
dy joining members wherever
design. Cert. of all materials
complete as per specifications
t Qty vide page No 184376
al Qty

M. A. R. 57 (Rule 116)
Measurement Book

No. B
184354

...al No. .....
...me of work ..... From ..... To .....
...me of Contractor of nature of Agency.....
...e of commencement of work.....

...te	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
	2	3	4	5	6	7	8
			Limited to			5.26 Sq.M	
			Qty 7828.00			Rs. 411965.00	
	34) providing granite slabs of selected quality roughly dressed & fixed in cement mortar (1:6) including curing etc. Complete 7.5cms thick etc. Complete as per specifications.						
		1	30.00	-	1.65	= 49.50	
		1	30.00	-	1.65	= 49.50	
		1	30.00	-	1.65	= 49.50	
		1	30.00	-	1.65	= 49.50	
		1	30.00	-	1.65	= 49.50	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	—	1.65	= 49.50	
		1	20.00	—	1.65	= 33.00	
						330.00 sqft	
				Total		Rs, 207900=00	
				1430.00			
	35) providing & laying at site of works pvc pipes including cost of pipes excluding of Specials & including lowering in to trenches, laying true to line level & perfect finish at joints, leakproof including jointing encasing the pipe around to a depth not less than 1.65cm with grave or selected earth available from the excavation etc 110 mm pvc pipe 6kg/cm from connecting building terrace to Rain water pit.						

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Date	Full description, etc, of work	Numb
te	2	3
	35) Lead Purchase & payment of Do Medical Many Including	

REMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
1 @ 30.00	× —	1.65	= 49.50	
1 @ 20.00	— @	1.65	= 33.00	
	Total		330.00 sqr	
			@ ₹ 630.00	₹ 2079.00

te of works pvc pipes including Specials & including lowering e to line level & perfect kinky ing jointing ensuring the pipe ys than 1.5 cm with grave or rom the excavation etc, om Connecting building terrace

M. A. R. 57 (Rule 116)
Measurement Book

No. B
184355

al No. .....
ne of work ..... From ..... To .....
ne of Contractor of nature of Agency.....
e of commencement of work.....

te	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1 @ 30.00		—	—	= 30.00	
		1 @ 30.00		—	—	= 30.00	
		1 @ 30.00		—	—	= 30.00	
		1 @ 30.00		—	—	= 30.00	
		1 @ 25.00		—	—	= 25.00	
					Total	145.00 Rmtr	
					@ ₹ 317.00	₹. 45965.00	

ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ,
ಬೆಂಗಳೂರು-97

(36) Lead Purchase payall & Debody shall be payble at Consite rate by Mechanical Means including loading & Unloading From 0.000 2.00 kms

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Qty vide Items No. 1 and 2b						
	Total Qty					213.06 m³	
	@ Rs 76.00					Rs. 16193=00	
	Total					Rs. 1470354=00	
	Finished parody Inspection charges 1%					Rs 14704=00	
					Total	Rs. 1485063=00	

Assistant Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore

28/2

28/2/15

1470335=00

M.

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Full description, etc, of work	Nu
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	1470335=00
	12766.18=00

URREMENT BOOK

mber 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
ms No. 1 and 25					
Total qty				213.06 m3	
@ Rs 76.00				Rs. 16193.00	
Total				Rs. 1470359.00	1470335
Charges 1%				Rs 14704.00	
Total				Rs. 1485063.00	
				1470335.00	

Engineer
Division
Bangalore - 97
28/2/15

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184356

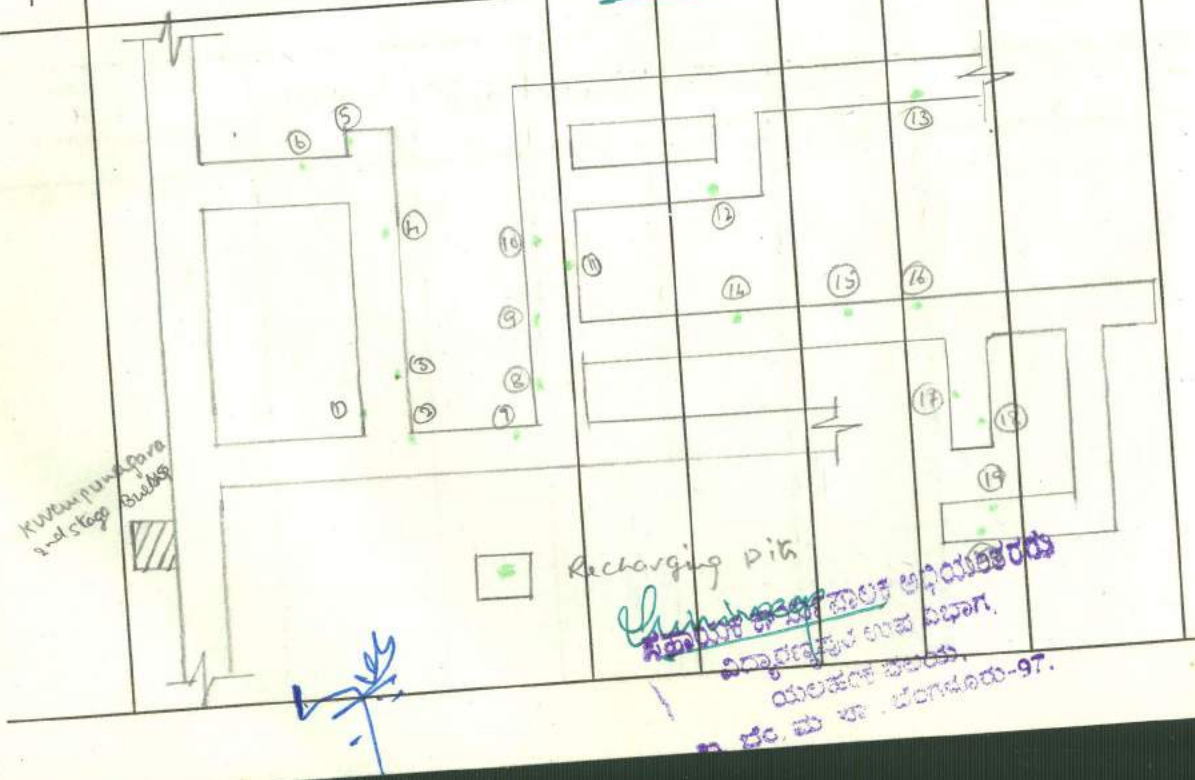
Serial No. ....
Name of work .... From .... To ....
Name of Contractor of nature of Agency................................
Date of commencement of work................................

Date	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 1470335=00			IT - 14703 –			
	ಗರಿಷ್ಠ ಪಾವತಿ ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 193717=00			VAT - 58813 –			
	ಕಳೆಯಬೇಕಾದ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು			FSD - 88220 –			
	ರೂ 1276618=00			LWC - 14703 –			
	ಕ್ಕೆ ಪಾವತಿಸಲು ನಿಯಮಗಳು			CBF - 1470 –			
	ಲೆಕ್ಕಾಧಿಕಾರಿಗಳು	ಸಹಾಯಕ ಅಭಿಯಂತರರು 16/2/16		Roy - 15808 –			
				Total 193717 =00			

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

SKETCH



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯುತ್ ಸರಬರಾಜು ಉಪವಿಭಾಗ.
ಯಲಹಂಕ ಮೈಸೂರು.
ಬೆ ಪ ಮ ಸಂ ಬೆಂಗಳೂರು-97.

BR-51 | 3-5-14

rial No. .....

me of work .....

me of Contractor of nature of Agency.....

te of commencement of work.....

Date	Full description, etc, of work	N
1	2	

Name of work :- Sup
Village (Newly adde
NO 11
Work order No :- EE/B
Work code No :- 011-
Name of Agency :- Pee